

EXECUTIVE OFFICER SUMMARY REPORT  
November 12, 2003

ITEM: 8

SUBJECT: NPDES PERMIT REISSUANCE: PADRE DAM MUNICIPAL WATER DISTRICT, PADRE DAM WATER RECYCLING FACILITY, DISCHARGE TO SYCAMORE CREEK AND THE SAN DIEGO RIVER, SAN DIEGO COUNTY (TENTATIVE ORDER NO. R9-2003-0179, DRAFT NPDES PERMIT NO. CA0107492) (*David Hanson*)

PURPOSE: To consider adoption of tentative waste discharge requirements and NPDES permit for the Padre Dam Municipal Water District (PDMWD), Padre Dam Water Recycling Facility (PDWRF) discharge to Sycamore Creek and the San Diego River.

PUBLIC NOTICE: A newspaper notice in anticipation of a September 10, 2003 hearing was first published in the San Diego Union-Tribune on August 11, 2003. Copies of previous versions of the fact sheet, tentative Order, and tentative monitoring and reporting program were delivered to the discharger and mailed to all known interested parties and agencies on August 11, 2003.

After cancellation of the September 11, 2003 Board meeting, changes were made to the tentative Order in response to comments received from the PDMWD. Copies of the revised fact sheet, tentative Order, and tentative monitoring and reporting program were delivered to the discharger and mailed to all known interested parties and agencies on September 26, 2003. A newspaper notice was published in the San Diego Union-Tribune on October 10, 2003.

These actions served as the 30-day official public notification for this action, as required by Title 40, section 124.10 of the Code of Federal Regulations.

DISCUSSION: The PDWRF, which accepts municipal wastewater from the PDMWD service area, is located at 12001 N. Fanita Parkway in Santee, California (see attached map). The Fact Sheet describes the facility in greater detail. If adopted, tentative Order No. R9-2003-0179 would authorize the PDMWD to continue discharge of up to

2.0 million gallons per day of tertiary treated municipal wastewater from the District's recreational lakes (Santee Lakes) to Sycamore Creek and the San Diego River. Significant changes from the current permit are described below.

A previous version of the tentative Order was first mailed to the discharger and all known interested parties on August 11, 2003 in anticipation of the cancelled September 10, 2003 hearing. Only PDMWD submitted comments (attached) on the August 11, 2003 version of the tentative Order. Responses to PDMWD comments were prepared and incorporated into the September 26, 2003 version of the tentative Order (attached). No comments on the September 26, 2003 version of the tentative Order have been received as of October 29, 2003.

LEGAL CONCERNS:

None

SUPPORTING  
DOCUMENTS:

1. Facility location map.
2. Tentative Order No. R9-2003-0179, NPDES Permit No. CA0107492.
3. Tentative Monitoring and Reporting Program No. R9-2003-0179
4. Fact Sheet dated September 26, 2003
5. Transmittal Letter dated September 26, 2003.
6. Notice of Public Hearing published in the San Diego Union-Tribune on October 10, 2003.
7. PDMWD comments.
8. Regional Board response to comments and Errata Sheet for the August 11, 2003 version of the tentative Order.

SIGNIFICANT  
CHANGES FROM  
CURRENT ORDER:

Of the changes proposed in tentative Order R9-2003-0179, the following can be considered significant:

1. Priority Pollutant limits were determined using the procedures established in the *Policy for Implementation of Toxic Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California* (Implementation Policy) adopted by the State Board on March 2, 2000. Only one (1) of the 126 priority pollutants [bis (2-ethylhexyl) phthalate] was determined to warrant the establishment of effluent limitations in the permit.
2. The tentative Order establishes more restrictive effluent nitrogen and phosphorus mass emission limitations based on the Basin Plan numerical objectives of 0.1 mg/l for phosphorous and 1.0 mg/l for nitrogen.

3. The tentative Order incorporates up-to-date discharge specifications, provisions, and monitoring requirements in accordance with the current State Department of Health Services (DHS) Title 22 reclamation regulations
4. The tentative monitoring and reporting program (MRP):
  - a. Eliminates the farthest downstream San Diego River monitoring station and adds two new stations along Sycamore Creek within the Carlton Oaks Golf Course.
  - b. Reduces the required frequency of monitoring at the receiving water stations from biweekly during the summer and monthly during the winter to monthly all year.
  - c. Requires additional analyses at receiving water stations including chlorophyll-a concentration, macroinvertebrate and periphyton bioassessment, sediment phosphorous, and escherichia coli.

COMPLIANCE  
RECORD:

The PDMWD is required to monitor and report in accordance with requirements contained in Order No. 98-60. The District has been in compliance with these waste discharge requirements with the following exception: For the period January 2002 to the present, the only reported violation occurred on January 14, 2003, when *Ceriodaphnia dubia* showed significant toxicity when exposed to the wastewater treatment plant effluent. A repeat test on January 27, 2003 using *Ceriodaphnia dubia* showed no toxicity.

RECOMMENDATION:

Adoption of tentative Order No. R9-2003-0179, NPDES Permit No. CA0107492 is recommended.